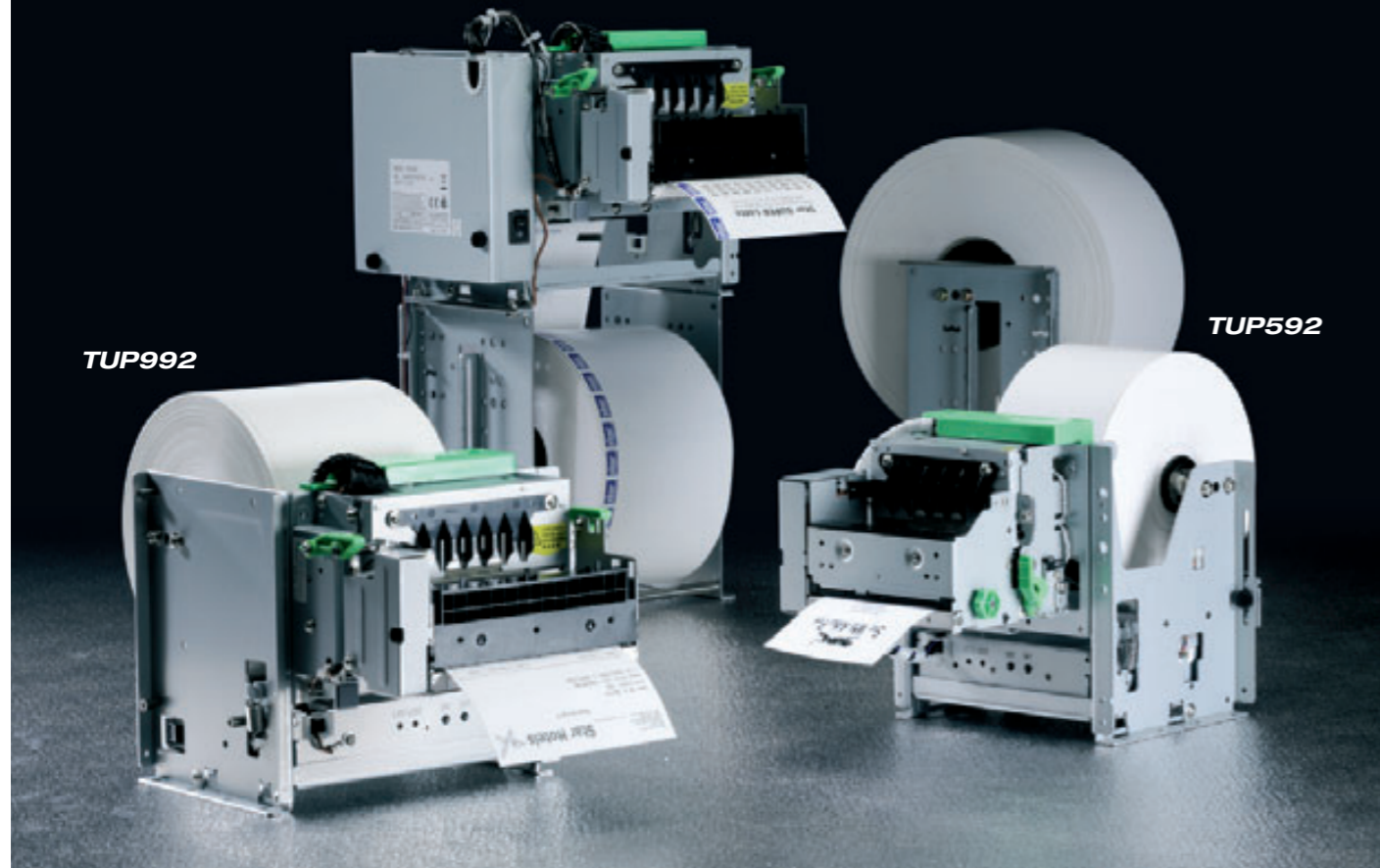


NEW

TUP500 & TUP900 Series

Complete Kiosk Printing Solutions available in Modular or Open Frame formats



TUP500: The NEW High Speed 220mm per second Kiosk Printing Solution

- Introducing the new superfast, versatile open frame / modular kiosk printing solution from Star Micronics. Featuring speeds up to 220mm per second (with standard 15cm paper roll) and a default speed of 180 mm per second using the optional 25cm paper roll holder
- Adjustable 45 to 82.5mm paper width functionality with self centring width adjuster
- Barcodes receipts, tickets, labels (TUP542) etc. are all printed on media from 0.065mm to 0.15mm thick allowing for complete application functionality
- Options include:
 - 25cm paper roll holder for horizontal or vertical use (max. capacity 18cm in vertical mode)
 - Paper exit guide / snout with flashing LED attraction mode
 - All models supplied without interface with low cost USB, Ethernet & traditional interface options
- Compatible with majority of operating platforms including OPOS™, Java-POS™, Linux™, ESC/POS™ and Microsoft™ Windows with WHQL certification

TUP900: The 80 – 112mm wide Kiosk Printing Solution

- High speed, cost efficient 150mm per second quality thermal barcode, receipt, ticket and A4 kiosk printing solution for 80 to 112mm formats up to 0.15mm thick
- Multi-position adjustable near end paper sensor with 80cm of cable for use with the high capacity paper roll supply option
- A4 to A6 automatic scalable raster driver for reduced, legible A4 or internet output on 112mm wide paper
- Adjustable horizontal or vertical mounted control panel with extended cable lengths
- Easy-load – simply lift and tilt the mechanism forward and insert the paper for automatic paper loading
- TUP992 options include:
 - 25cm paper roll holder (15cm standard). Max. capacity 18cm when mounted below printer
 - Choice of interfaces
 - PS60 power supply



TUP500 LED Flashing Paper Exit Guide



TUP500 Easy Paper Loading

TUP592 & TUP992

Open frame printer solution with moveable control panel and paper near end sensors via extended cables

TUP542 & TUP942

Non presenter version

TUP500 & TUP900

Modular components available (see table)

TUP500 Printer Specifications

Mechanism - TMP542 & Cutter	
Print Method	Direct Line Thermal Printing
Print Speed	up to 220mm per second (for use with suitable 80 / 82.5mm high sensitivity paper with standard 15cm roll diameter) Default speed 180mm per second
Printable Width	Max. 80mm with 1st column print
Top Margin	11mm (3mm selectable with reverse feed)
Print Resolution	8 or 16 x 8 dots/mm (203 or 406 x 203 dpi)
Paper Feed Speed	up to 220mm per second
Paper Loading	Semi Automatic with easy "Lift & Tilt" Functionality
Paper Sensors	Black Mark / Paper End / Paper Low Sensors
Paper Specifications:	
Width	Min. 45mm to Max 82.5mm
Media	Thermal Paper Rolls
Two Colour Printing	Special Thermal Paper required
Thickness	0.065 ~ 0.15mm
Roll Diameter	15cm / 6" with 25.4cm / 10" option (RHU-T500)
Autocutter	Full Cut (Guillotine) – contact Star if Partial cut needed
Autocutter Life	up to 1 million cuts
Min. / max. Cut Length	TUP542: 25mm, TUP592: 75 ~ 300mm
Print Head Life	Max. 100 million pulses / 100 Km (using recommended paper)
Reliability	60 million lines MCBF
Mechanism Dimensions	TMP542: 135 (W) x 101 (D) x 103 (H) mm
Open Frame Dimensions	TUP592: 160 (W) x 234.1 (D) x 179 (H) mm
Without Presenter	TUP542: 160 (W) x 185(D) x 179(H) mm
Drivers	Windows 2000/XP/XP Embedded/WePOS/Vista™/CE, Linux™, Mac OS X, Windows 98/ME/NT4 (download only) OPOS™, Java-POS™, CUPS™, POS.Net, USB Vendor Class, Star IO, Scalable Raster Driver

Interface	
Interface Options	TUP500 Series supplied without interface USB (IFBD-HU05), Ethernet (IFBD-HE05), Parallel (IFBD-HC03), Serial RS232C (IFBD-HD03), 9-pin Serial (IFBD-HN03)
Presenter Unit - PR500	
Driving Motor	One DC motor
Paper Loop	Upper Side Loop
Presenter Function	Document Eject Document Capture (Timed or Software controllable)
Ejecting Speed	300mm/s
Paper Thickness	0.065 ~ 0.15mm
Paper Length	75 to 300mm with Journal Mode for End-of-Day reporting
Paper Width	Min. 45mm to Max 82.5mm
Dimensions	135.1 (W) x 57 (D) x 76.3 (H) mm
Life	1 million receipts
Control Board TBD500	
Flash ROM / SRAM	16 Mbit / 4 Mbit (2M x 2)
Logo Store	Enabled
Emulations	Star Line & Page Mode, ESC/POS™
Code Pages	Star Mode = 40 + 1 blank ESC/POS™ Mode 10 + 1 blank
TUP500 Open Frame and Mechanism Options	
<ul style="list-style-type: none"> USB, Ethernet, Parallel, Serial RS232C, 9-pin Serial interface PS60 Power Supply 25cm / 10" Paper Roll Holder (RHU-T500) Large Roll Damper Roller Unit (DRU-T500B) Paper Exit Guide (SNOUT-T500) – LED lit with Flashing Attraction Mode Weight Bar (heavy weight paper use) – PR5 (included at purchase) 	
Please contact Star for other options when installing the TMP500 Mechanism	

TUP900 Printer Specifications

Mechanism - TMP942 & Cutter	
Print Method	Direct Thermal Line Printing
Print Speed	up to 150mm per second
Top Margin	15mm (3mm selectable)
Print Resolution	8 x 8 dots / mm (203 x 203 dpi)
Paper Feed Speed	150mm / second
Paper Loading	Semi Automatic with easy "Lift & Tilt" Functionality
Paper Sensors	Black Mark / Paper End / Paper Low Sensors
Paper Specifications:	
Width	80 to 112mm
Media	Thermal Paper Rolls
Two Colour Printing	Special thermal paper required
Thickness	0.065 ~ 0.15mm
Roll Diameter	15cm / 6" with 25cm / 10" option (RHU-T900)
Autocutter	Full or Partial Cut (Guillotine) Full Cut only with Presenter PR900 and TUP992
Autocutter Life	up to 1 million cuts
Reliability	37 million lines MCBF
Mechanism Dimensions	TMP942: 176.2 (W) x 101 (D) x 121 (H) mm
Bar Code	UPC-A, UPC-E, JAN/EAN-8 JAN/EAN-13, ITF, CODE39, CODE93, CODE128, CODABAR (NW-7), (PDF417 & Maxicode to follow)
Drivers	Windows 2000/XP/XP Embedded/WePOS/Vista™/CE, Linux™, Mac OS X, Windows 98/ME/NT4 (download only) OPOS™, Java-POS™, CUPS™, POS.Net, USB Vendor Class, Star IO, Scalable Raster Driver

Interface	
Interface Options	TUP900 Series supplied without interface USB (IFBD-HU06), Parallel (IFBD-HC04), Serial (IFBD-HD04), Serial 9-pin (IFBD-HN04)
Presenter Unit - PR900	
Driving Motor	One DC motor
Paper Loop	Upper Side Loop
Presenter Function	Document Eject Document Capture (Timed or Software controllable)
Ejecting Speed	300mm/s
Paper Thickness	0.065 ~ 0.15mm
Paper Length	75 to 300mm
Paper Width	80 to 112mm
Life	1 million receipts
Control Board TBD900	
Flash ROM / SRAM	2 x 8 Mbit plus 2 x 1 Mbit Static RAM
Logo Store	2 Mbit
Emulations	Star Line & Page Mode, ESC/POS™
Code Pages	Star Mode = 40 + 1 blank ESC/POS™ Mode = 10 + 1 blank
TUP992 Open Frame System	
Overall Dimensions	192 (W) x 249.3 (D) x 179 (H) mm / 2.84Kg
Printing Solution	All specifications for each module apply
TUP500 & TUP900 Power Supply - PS60	
Supply Voltage	24V DC, (59 (W) x 32 (H) x 146 (L) mm)
Input Voltage	100V (-10%) to 240V (+10%)

